High Density LSX 288-Position Panel

Termination and Termination/Splice Configurations

LSX 288-Position Preterminated Panel

ADC introduces the new high-density LSX 288-position panel available preterminated
with intrafacility (IFC) or outside plant (OSP) cables or in termination and splice configurations.
ADC's 288-position LSX panel (with either SC or LC) offers integrated vertical cable guides
(VCG's) within the panel, as well as on each side of the panel. VCG's effectively segregate cables,
aiding in easy-to-follow routing paths. The angled bulkhead style panel offers additional protection
from bends that can increase attenuation and loss.

Features and Benefits:

- Integrated cable management
- Angled bulkhead panel
- Vertical cable guides
- Available in SC and LC connector styles and multiple fiber cable styles
- 288 terminations using either SC or LC connectors

High Density LSX 288-Position Panel
Preterminated Panels

Specifications

Port Count: 288
Rack Units: 6

DIMENSIONS (H X W X D)
   Preterminated: 279 mm x 584 mm x 305 mm (11" x 23" x 12")
   Termination/Splice: 279 mm x 584 mm x 381 mm (11" x 23" x 15")

CABLE LENGTH
   Preterminated: 16 m (50') Standard configuration is two-144-fiber cables
   Termination/Splice: 12-fiber pigtails

Preterminated Panels

Ordering Information

Connector style	Cable Type	Cable Length	Catalog Number
SC/APC	Ribbon-Indoor	16 m (50')	LSX-LL/0WA016
SC/UPC	Ribbon-Indoor	16 m (50')	LSX-L7/0WA016
LC/APC	Ribbon-Indoor	16 m (50')	LSX-LM/0WA016
LC/UPC	Ribbon-Indoor	16 m (50')	LSX-LK/0WA016
SC/APC	Stranded-Indoor	16 m (50')	LSX-LL/0WB016
SC/UPC	Stranded-Indoor	16 m (50')	LSX-L7/0WB016
LC/APC	Stranded-Indoor	16 m (50')	LSX-LM/0WB016
LC/UPC	Stranded-Indoor	16 m (50')	LSX-LK/0WB016

Preterminated Panels for CEV/Customer Premise Locations

Ordering Information

Connector style	Cable Type	Cable Length	Catalog Number
SC/APC	Ribbon Diel- OSP	16 m (50')	LSX-LL/0WC016
SC/UPC	Ribbon Diel- OSP	16 m (50')	LSX-L7/0WC016
LC/APC	Ribbon Diel- OSP	16 m (50')	LSX-LM/0WC016
LC/UPC	Ribbon Diel- OSP	16 m (50')	LSX-LK/0WC016
SC/APC	Stranded Diel- OSP	16 m (50')	LSX-LL/0WD016
SC/UPC	Stranded Diel- OSP	16 m (50')	LSX-L7/0WD016
LC/APC	Stranded Diel- OSP	16 m (50')	LSX-LM/0WD016
LC/UPC	Stranded Diel- OSP	16 m (50')	LSX-LK/0WD016

Other configurations are available upon request. Please contact ADC Technical Assistance Center.

High Density LSX 288-Position Panel

Termination/Splice Panel

LSX 288-Termination and Splice Panel—Splicing in the rear eliminates rack space for a dedicated splice point. Panel is shown here from front vantage (left) and back vantage (right)

ADC's 288-positon LSX panel is also available in a termination and splice configuration. While ADC recommends off-frame splicing in high-density applications, often floor-space is limited and on-frame splicing is required in a high density environment. In a 18-inch deep frame*, this panel solution saves the valuable rack space often required for a dedicated splice panel. Panels can be ordered with 12-fiber ribbon or 12-fiber stranded pigtails. Splice trays and cable clamps are included within the panel.

Termination/Splice Panels

Ordering Information

Connector style	Pigtail Type	Splice Type	Catalog Number
SC/APC	Ribbon-Indoor	Mass Fusion	LSX-LL5243-A-SPL
SC/UPC	Ribbon-Indoor	Mass Fusion	LSX-L75243-A-SPL
LC/APC	Ribbon-Indoor	Mass Fusion	LSX-LM5243-A-SPL
LC/UPC	Ribbon-Indoor	Mass Fusion	LSX-LK5243-A-SPL
SC/APC	Stranded-Indoor	Heatshrink Fusion	LSX-LL1242-A-SPL
SC/UPC	Stranded-Indoor	Heatshrink Fusion	LSX-L71242-A-SPL
LC/APC	Stranded-Indoor	Heatshrink Fusion	LSX-LM1242-A-SPL
LC/UPC	Stranded-Indoor	Heatshrink Fusion	LSX-LK1242-A-SPL

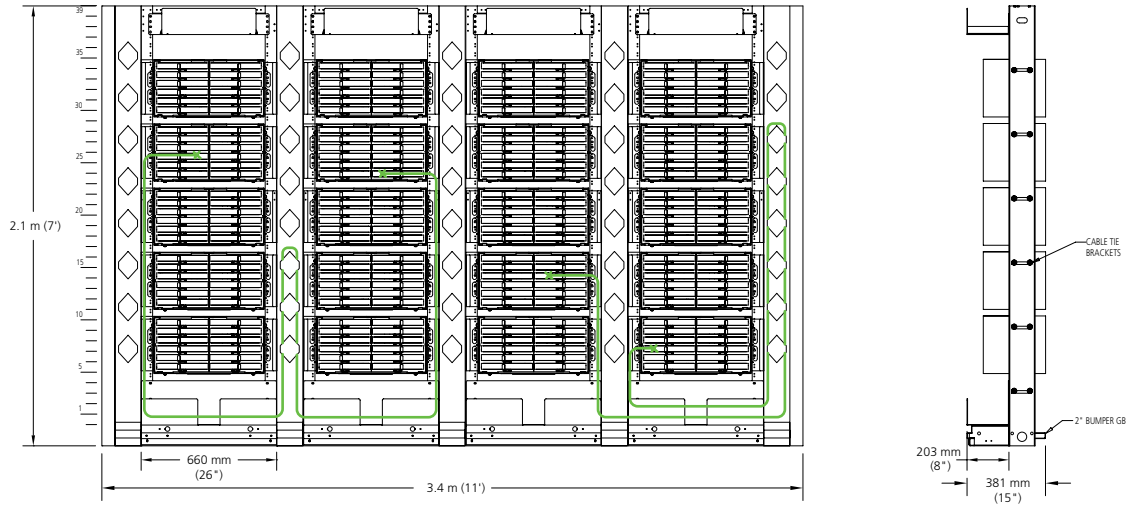Other configurations are available upon request. Please contact ADC Technical Assistance Center.

*See page 5 for additional accessories that accommodate the deeper panel.

High Density LSX 288-Position Panel
High-Density Distribution Solution (using 288-Termination-Only panel)

ADC's recommended fiber frame lineup uses four frames with 2 mm fiber jumpers to maintain the industry standard 2-inch patch cord pile-up

The preterminated LSX-288 solution utilizes a traditional frame designed to fit a variety of termination, splice and storage applications. This front load frame is built to ensure commonality with patch cord routing, slack storage and fiber protection. It is shipped complete with top and bottom troughs. Available accessories include interbay management panels (IMPs).

Density Recommendations

Panels/Frame	Terminations/Frame	Recommended Maximum Frame Lineup
5	1,440	4 frames (5,760 terminations)

Recommended Patch Cord Lengths

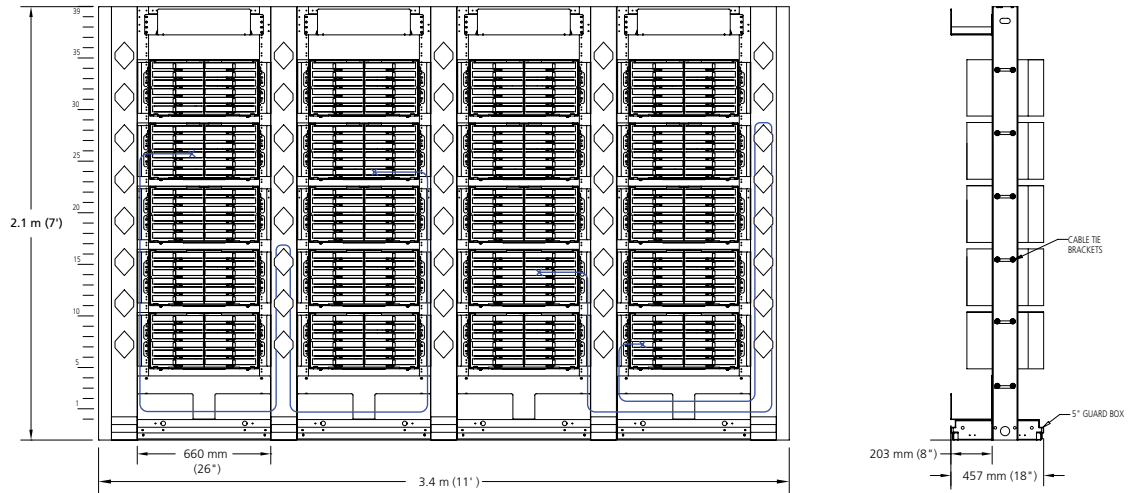| Number of Frames	Approximate Patch Cord Length
1	5 m (16.4')
2	6 m (19.7')
3	6 m (19.7')
4	7 m (23')

Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
High-Density Frame (includes 8" deep front troughs)	2.1 m x 660 mm x 381 mm (7' x 26" x 15")	E-501-LGX-HD
Interbay Management Panel (includes 8" deep troughs and spools)	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
288-Termination-Only Distribution Panel	279 mm x 584 mm x 305 mm (11" x 23" x 12")	Refer to previous pages for catalog numbers
End Guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162

High Density LSX 288-Position Panel
High-Density Distribution Solution (using 288-Termination/Splice panel)

ADC's recommended fiber frame lineup uses four frames with 2 mm fiber jumpers to maintain the industry standard 2-inch patch cord pile-up

The termination and splice LSX-288 solution utilizes a traditional frame designed to fit a variety of termination, splice and storage applications. This front load frame is built to ensure commonality with patch cord routing, slack storage and fiber protection. It is shipped complete with top and bottom troughs. Available accessories include interbay management panels (IMPs).
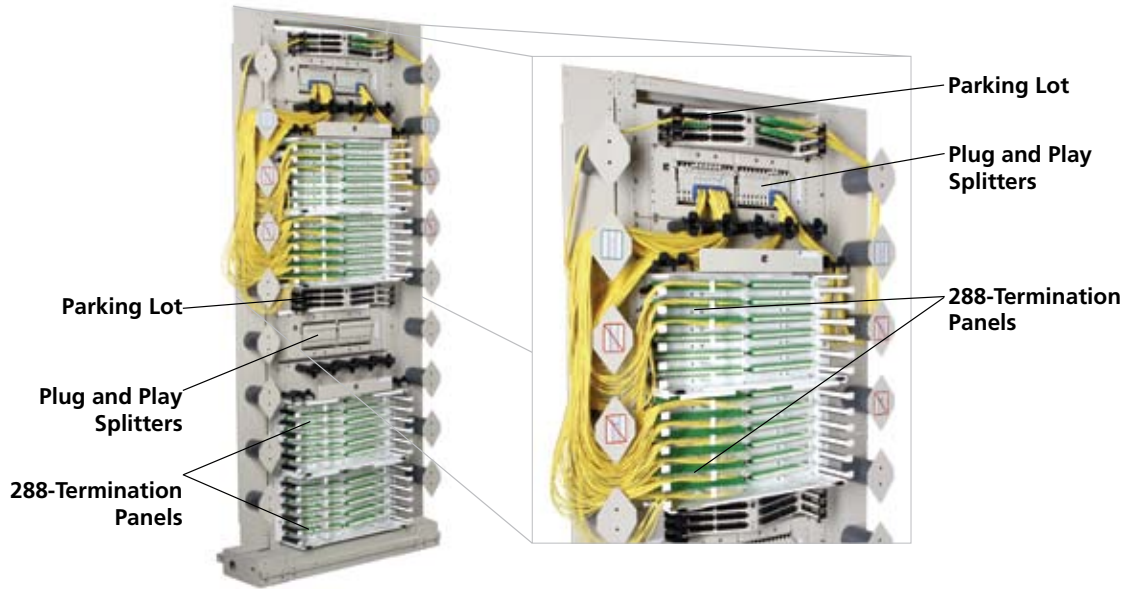
Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
High-Density Frame (includes 8" deep front troughs)	2.1 m x 660 mm x 381 mm (7' x 26" x 15")	E-501-LGX-HD
Frame Rear Guard Box (rear 2-inch bumper should be removed and replaced with this item)	660 mm x 127 mm (26" x 5")	RAC-0X0439
Interbay Management Panel (includes 8" deep troughs and spools)	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
Interbay Management Panel Rear Guard Box (rear 2-inch bumper should be removed and replaced with this item)	127 mm x 127 mm (5" x 5")	RAC-0X0440
288-Termination/Splice Distribution Panel	279 mm x 584 mm x 381 mm (11" x 23" x 15")	Refer to previous pages for catalog numbers
End Guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162
Universal End Guard Extender	2.1 m x 64 mm x 76 mm (7' x 2.5" x 3")	E-501-12002

High Density LSX 288-Position Panel
Homerun Splitter Solution

Parking Lot

Plug and Play Splitters

288-Termination Panels

Parking Lot

Plug and Play Splitters

288-Termination Panels

ADC's homerun splitter solution incorporates the LSX 288-position distribution panel along with plug and play splitter modules for central office splitting. Able to effectively manage 1,152 homes within a seven-foot frame, this solution offers excellent density with ADC's built-in cable management. In addition, these same plug and play splitter modules are commonly used within ADC's outdoor Fiber Distribution Hubs (FDHs), allowing for easy-to-manage inventory with one splitter type versatile enough for both inside and outside environments.

Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
Network Rack with 2" WECO mounting spaces (shipped with 8-inch front guard box)	2.14 m x 660 mm x 381 mm (7' x 26" x 15")	RAC-7A0501
Frame Rear Guard Box*; (rear 2-inch bumper should be removed and replaced with this item)	660 mm x 127 mm (26" x 5")	RAC-0X0439
Interbay Management Panel	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
Interbay Management Panel Rear Guard Box* (rear 2-inch bumper should be removed and replaced with this item)	127 mm x 127 mm (5" x 5")	RAC-0X0440
End Guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162
Universal End Guard Extender*	2.1 m x 64 mm x 76 mm (7' x 2.5" x 3")	E-501-12002
288-Termination Distribution Panel	279 mm x 584 mm x 305/381 mm (11" x 23" x 12/15")	Refer to previous pages for catalog numbers
Rack Mount Splitter Chassis – accommodates up to 24 plug and play splitters	176 mm x 483/584 mm (7" x 19/23")	FPS-MPPRACKMT24
Cable Management for Rack Mount Splitter Chassis	127 mm x 483/584 mm (5" x 19/23")	FPS-MPPRACKMTCM
Parking Lot Panel for Rack Mounts (accommodates three 1 x 32 splitter outputs)	89 mm x 483/584 mm (3.5" x 19/23")	ACE-ACC200-PKLT3
1 x 32 Plug and Play Splitter Module Plug-in		FPS-MPP1AJJ

*used only when termination/splice panel is loaded into frame.
Other configurations are available upon request. Please contact ADC Technical Assistance Center.

High Density LSX 288-Position Panel
Outside Plant Controlled Environment Active Cabinet Solution

Active shelf (not included)

Fiber Management Tray (FMT)

LSX 288-panel

ADC's LSX-288 panels are also well suited to a controlled environment cabinet where limited rack space and high termination counts are necessary. Used in conjunction with ADC's Fiber Management Tray and RiserGuide[1] on-demand cable management, this solution can meet both the termination demands, and cable management requirement for a future-proofed network.

Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
288-Termination or Termination/Splice Distribution Panel	279 mm x 584 mm x 305/381 mm (11" x 23" x 12/15")	Refer to previous pages for catalog numbers
FMT Bulk Storage Drawer	44 mm x 584 mm x 305 mm (1.75" x 23" x 12")	FMT-DBS000000-A00P[2]

[1] For more information on RiserGuide on-demand cable management, see ADC literature #101573AE.
[2] For more information on Fiber Management Trays (FMTs), see ADC literature #103743AE.

SPEC SHEET